

Phase 2 Construction - Major Items:

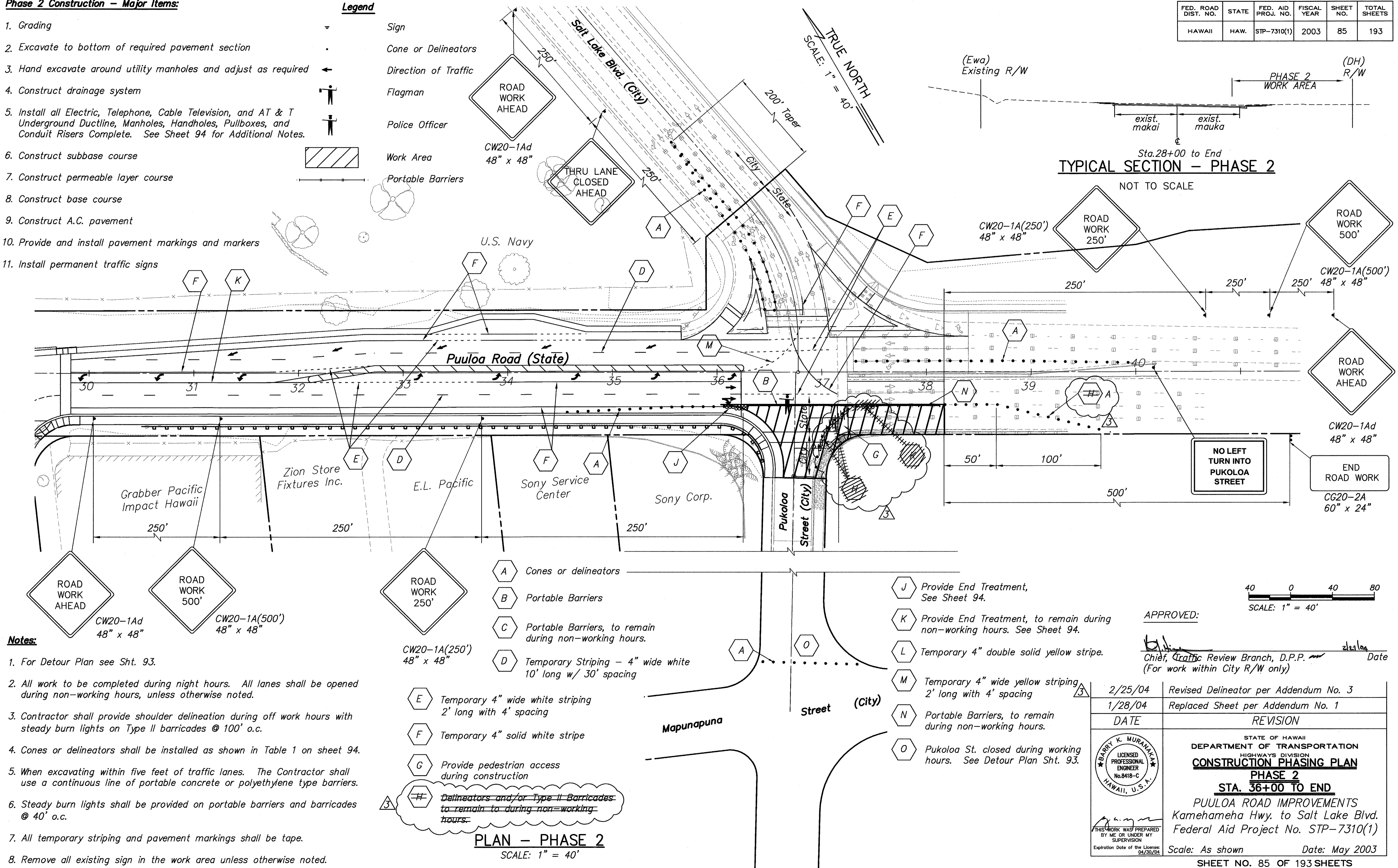
1. Grading
2. Excavate to bottom of required pavement section
3. Hand excavate around utility manholes and adjust as required
4. Construct drainage system
5. Install all Electric, Telephone, Cable Television, and AT & T Underground Ductline, Manholes, Handholes, Pullboxes, and Conduit Risers Complete. See Sheet 94 for Additional Notes.
6. Construct subbase course
7. Construct permeable layer course
8. Construct base course
9. Construct A.C. pavement
10. Provide and install pavement markings and markers
11. Install permanent traffic signs

Legend

- ▲ Sign
- Cone or Delineators
- ← Direction of Traffic
- 🚧 Flagman
- 👮 Police Officer
- ▨ Work Area
- 🚧 Portable Barriers

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7310(1)	2003	85	193

P.M. STY
 CURRENT OPR: mfk
 FILE: D:\DOT\H9601A\ACAD\FILE: D:\96178aR.dwg
 BEGIN: 12/01/99
 SCALE: 1"=1'
 LAST MODIFIED: Mon, 23 Feb 2004 - 10:01am



- Notes:**
1. For Detour Plan see Sht. 93.
 2. All work to be completed during night hours. All lanes shall be opened during non-working hours, unless otherwise noted.
 3. Contractor shall provide shoulder delineation during off work hours with steady burn lights on Type II barricades @ 100' o.c.
 4. Cones or delineators shall be installed as shown in Table 1 on sheet 94.
 5. When excavating within five feet of traffic lanes. The Contractor shall use a continuous line of portable concrete or polyethylene type barriers.
 6. Steady burn lights shall be provided on portable barriers and barricades @ 40' o.c.
 7. All temporary striping and pavement markings shall be tape.
 8. Remove all existing sign in the work area unless otherwise noted.

- A Cones or delineators
- B Portable Barriers
- C Portable Barriers, to remain during non-working hours.
- D Temporary Striping - 4" wide white 10' long w/ 30' spacing
- E Temporary 4" wide white striping 2' long with 4' spacing
- F Temporary 4" solid white stripe
- G Provide pedestrian access during construction
- H ~~Delineators and/or Type II Barricades to remain to during non-working hours.~~
- J Provide End Treatment, See Sheet 94.
- K Provide End Treatment, to remain during non-working hours. See Sheet 94.
- L Temporary 4" double solid yellow stripe.
- M Temporary 4" wide yellow striping 2' long with 4' spacing
- N Portable Barriers, to remain during non-working hours.
- O Pukoloa St. closed during working hours. See Detour Plan Sht. 93.

PLAN - PHASE 2
SCALE: 1" = 40'

APPROVED:

 Chief, Traffic Review Branch, D.P.P.
 Date: 2/25/04
 (For work within City R/W only)








DATE	REVISION
2/25/04	Revised Delineator per Addendum No. 3
1/28/04	Replaced Sheet per Addendum No. 1

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CONSTRUCTION PHASING PLAN
PHASE 2
STA. 36+00 TO END
 PUULOA ROAD IMPROVEMENTS
 Kamehameha Hwy. to Salt Lake Blvd.
 Federal Aid Project No. STP-7310(1)
 Scale: As shown Date: May 2003
 SHEET NO. 85 OF 193 SHEETS

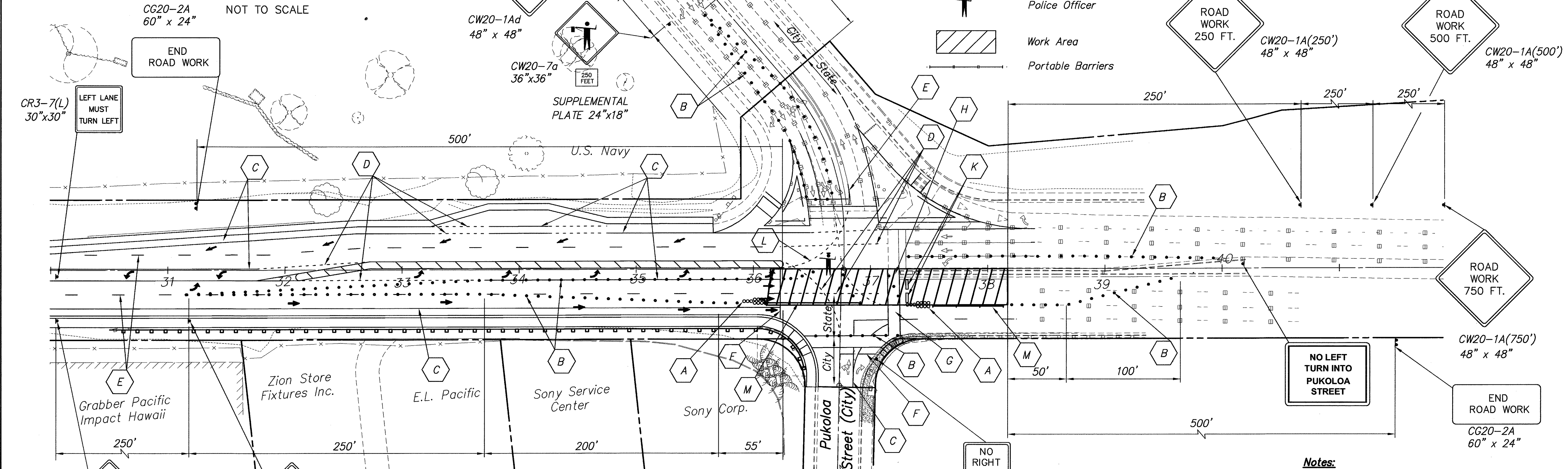
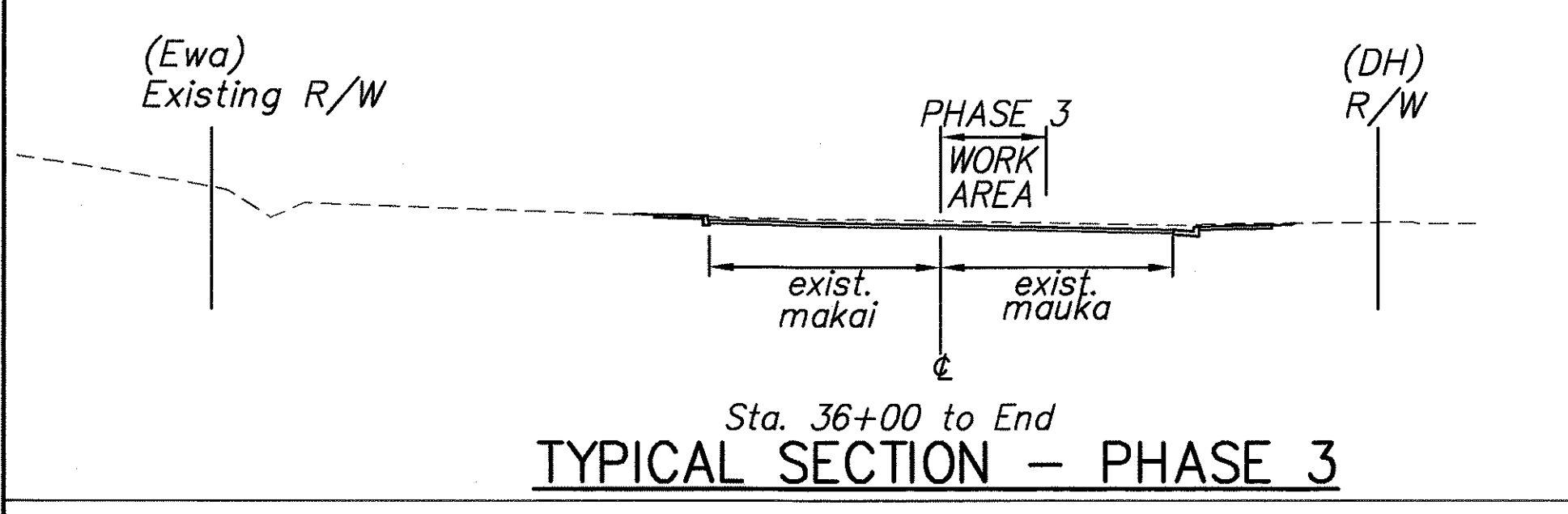
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7310(1)	2003	86	193

TRUE NORTH
SCALE: 1" = 40'

Legend

-  Sign
-  Cone or Delineators
-  Direction of Traffic
-  Flagman
-  Police Officer
-  Work Area
-  Portable Barriers

TYPICAL SECTION - PHASE 3



- W9-3(R) 48" x 48" THRU TRAFFIC MERGE RIGHT
- CG20-2A 60" x 24" END ROAD WORK
- CR3-7(L) 30" x 30" LEFT LANE MUST TURN LEFT
- CG20-2A 60" x 24" END ROAD WORK
- W1-3(R)-A 48" x 48" 25 MPH
- CW13-1(25)A 24" x 24" 25 MPH

- A Provide End Treatment, See Detail, Sheet 94
- B Cones or delineators
- C Temporary 4" solid white stripe
- D Temporary 4" wide white striping 2' long with 4' spacing
- E Temporary 4" wide white striping 10' long with 30' spacing
- F 12" wide STOP bar
- G Temporary cross-walk markings
- H Provide pedestrian access during construction

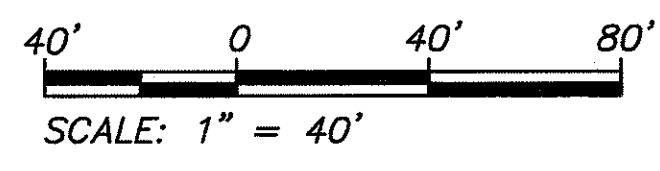
- J Temporary 8" solid yellow stripe
- K Type II Barricade
- L Temporary 4" wide yellow striping 2' long with 4' spacing
- M Portable Barriers
- N Pukoloa St. closed during working hours. See Detour Plan Sht. 93.

- Phase 3 Construction - Major Items:**
- Excavate to bottom of required pavement section.
 - Hand excavate around utility manholes and adjust as required
 - Install GTE and CATV ductlines
 - Construct curb, sidewalk, and wheelchair ramp.
 - Construct subbase course
 - Construct permeable layer course
 - Construct base course
 - Construct A.C. pavement
 - Provide and install pavement markings and markers

PLAN - PHASE 3
SCALE: 1" = 40'


APPROVED:
[Signature]
Chief, Traffic Review Branch, D.P.P.
(For work within City R/W only)
Date: 2/27/04

- Notes:**
- For Detour Plan see Sht. 93.
 - All work to be completed during night hours. All lanes shall be opened during non-working hours, unless otherwise noted.



P.M.: STY OPR: mfk
 CURRENT OPR: mfk
 PREV. OPR:
 BEGIN: 12/01/99
 END: 01/16/04
 LAST MODIFIED: Wed, 17 Dec 2003 - 9:00am
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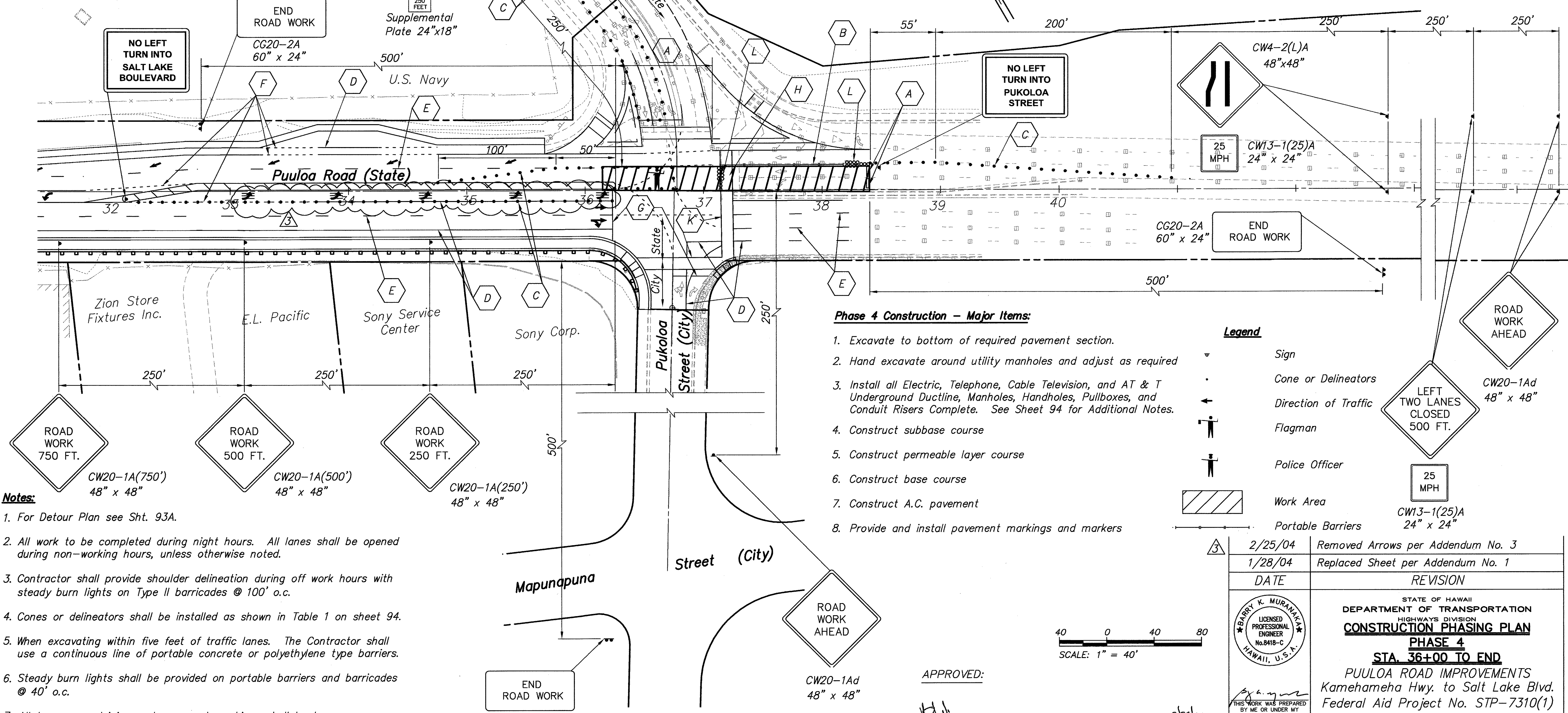
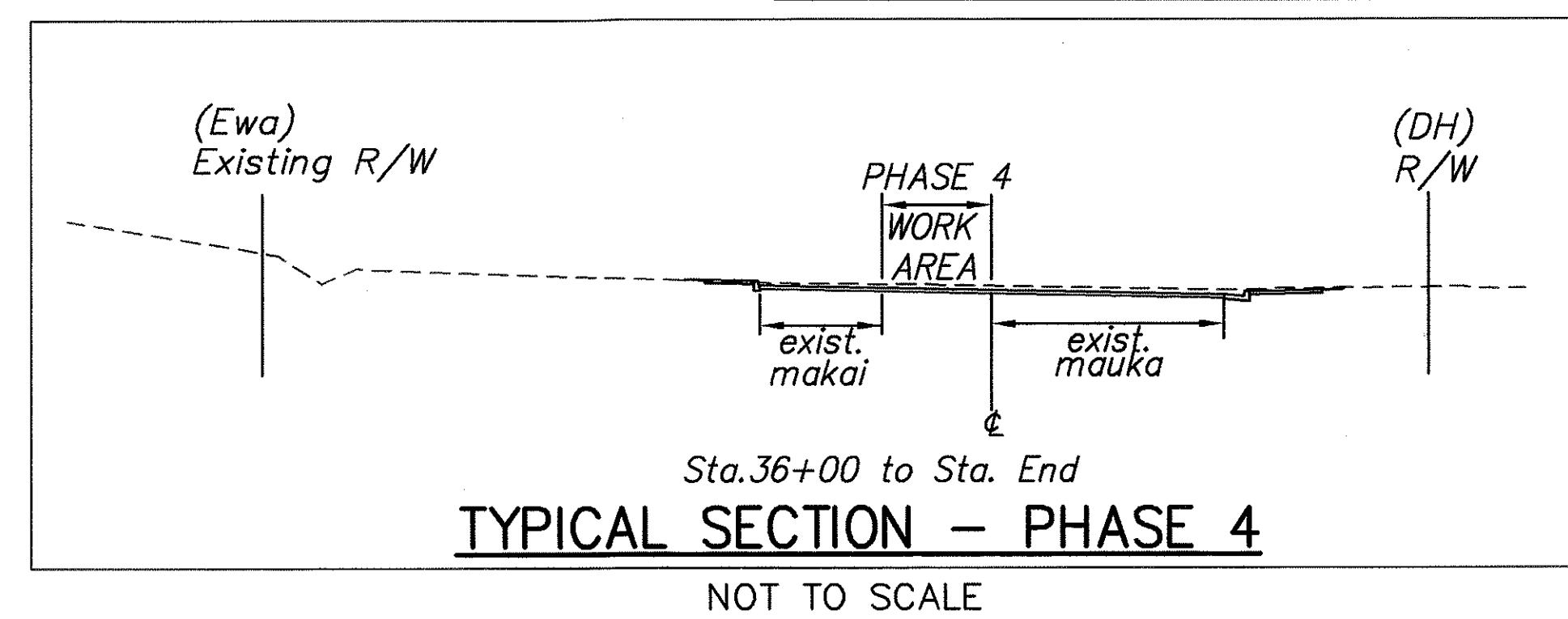
DATE	BY

1/28/04	REPLACED SHEET PER ADDENDUM NO. 1
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION CONSTRUCTION PHASING PLAN PHASE 3 STA. 36+00 TO END PUULOA ROAD IMPROVEMENTS Kamehameha Hwy. to Salt Lake Blvd. Federal Aid Project No. STP-7310(1)	
	
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION Expiration Date of the License: 04/30/04	
Scale: As shown	Date: May 2003
SHEET NO. 86 OF 193 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7310(1)	2003	87	193

- A Type II Barricade
- B Portable barriers
- C Cones or delineators
- D Temporary 4" solid white stripe
- E Temporary 4" wide white striping 10' long w/ 30' spacing
- F Temporary 4" wide white striping 2' long with 4' spacing

- G 12" wide STOP bar
- H Provide pedestrian access during construction
- J Temporary 8" solid yellow stripe
- K Temporary cross-walk markings
- L Provide End Treatment, See Detail, Sheet 94.



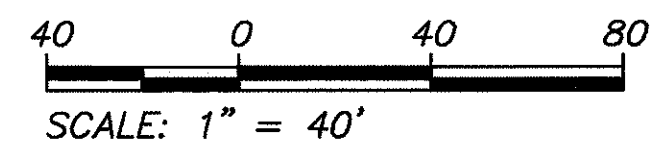
- Phase 4 Construction - Major Items:**
- Excavate to bottom of required pavement section.
 - Hand excavate around utility manholes and adjust as required
 - Install all Electric, Telephone, Cable Television, and AT & T Underground Ductline, Manholes, Handholes, Pullboxes, and Conduit Risers Complete. See Sheet 94 for Additional Notes.
 - Construct subbase course
 - Construct permeable layer course
 - Construct base course
 - Construct A.C. pavement
 - Provide and install pavement markings and markers

Legend

- Sign
- Cone or Delineators
- Direction of Traffic
- Flagman
- Police Officer
- Work Area
- Portable Barriers

- Notes:**
- For Detour Plan see Sht. 93A.
 - All work to be completed during night hours. All lanes shall be opened during non-working hours, unless otherwise noted.
 - Contractor shall provide shoulder delineation during off work hours with steady burn lights on Type II barricades @ 100' o.c.
 - Cones or delineators shall be installed as shown in Table 1 on sheet 94.
 - When excavating within five feet of traffic lanes. The Contractor shall use a continuous line of portable concrete or polyethylene type barriers.
 - Steady burn lights shall be provided on portable barriers and barricades @ 40' o.c.
 - All temporary striping and pavement markings shall be tape.
 - Remove all existing sign in the work area unless otherwise noted.

APPROVED: *[Signature]*
 Chief, Traffic Review Branch, D.P.P.
 (For work within City R/W only)
 Date: 2/21/04



DATE	REVISION
2/25/04	Removed Arrows per Addendum No. 3
1/28/04	Replaced Sheet per Addendum No. 1

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CONSTRUCTION PHASING PLAN
PHASE 4
STA. 36+00 TO END
 PUULOA ROAD IMPROVEMENTS
 Kamehameha Hwy. to Salt Lake Blvd.
 Federal Aid Project No. STP-7310(1)
 Scale: As shown Date: May 2003
 SHEET NO. 87 OF 193 SHEETS

P.M. STY
 CURRENT OPR: mkt
 PREVIOUS OPR:
 CURRENT TIME: Feb 23, 2004 1:21pm
 LAST SAVED BY:
 LAST MODIFIED: Mon, 23 Feb 2004 1:20pm
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 BEGIN: 12/01/99
 SCALE: 1=1

DATE	BY	REVISION

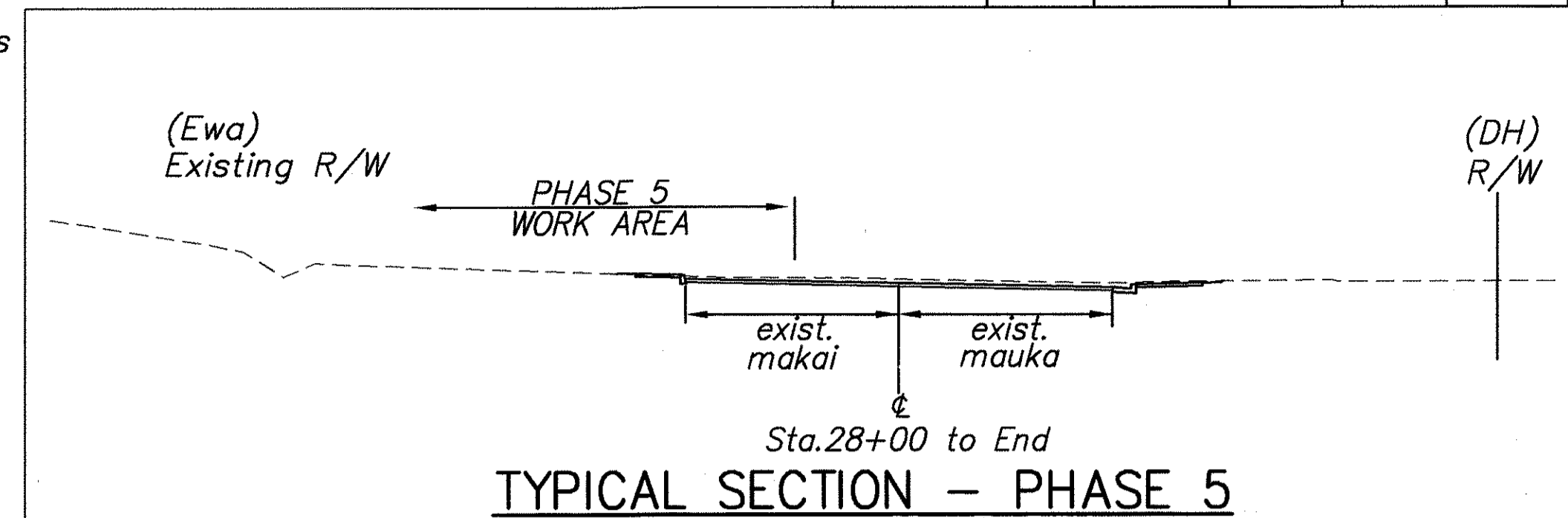
Phase 5 Construction - Major Items:

1. Excavate to bottom of required pavement section.
2. Hand excavate around utility manholes and adjust as required
3. Install all Electric, Telephone, Cable Television, and AT & T Underground Ductline, Manholes, Handholes, Pullboxes, and Conduit Risers Complete. See Sheet 94 for Additional Notes.
4. Construct subbase course
5. Construct permeable layer course
6. Construct base course
7. Construct A.C. pavement
8. Provide and install pavement markings and markers

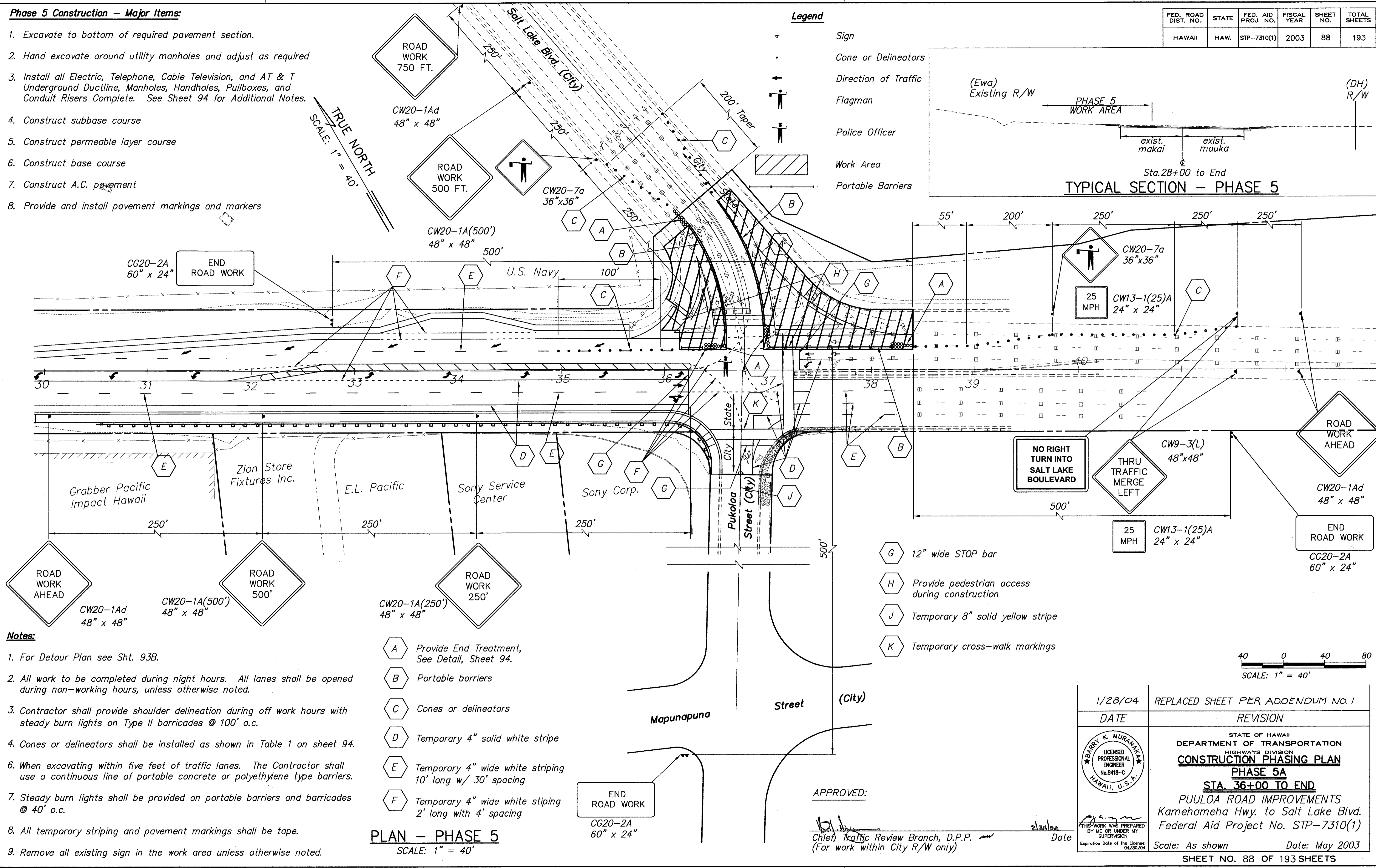
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7310(1)	2003	88	193

Legend

- Sign
- Cone or Delineators
- Direction of Traffic
- Flagman
- Police Officer
- Work Area
- Portable Barriers



P.M.: STY
 CURRENT OPR: mfk
 FILE: DOT96181aR.dwg
 BEGIN: 12/01/99
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 LAST MODIFIED: Wed, 17 Dec 2003 - 9:27am
 LAST SAVED BY:
 CURRENT TIME: Jan 16, 2004 - 3:46pm
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 PREFIX: G:\DOT9601A\ACAD\

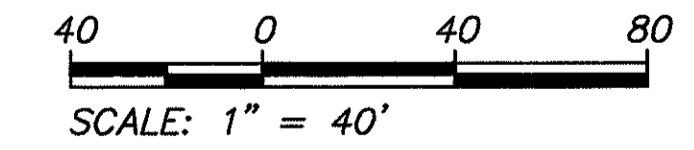


Notes:

1. For Detour Plan see Sht. 93B.
2. All work to be completed during night hours. All lanes shall be opened during non-working hours, unless otherwise noted.
3. Contractor shall provide shoulder delineation during off work hours with steady burn lights on Type II barricades @ 100' o.c.
4. Cones or delineators shall be installed as shown in Table 1 on sheet 94.
5. When excavating within five feet of traffic lanes. The Contractor shall use a continuous line of portable concrete or polyethylene type barriers.
6. Steady burn lights shall be provided on portable barriers and barricades @ 40' o.c.
7. All temporary striping and pavement markings shall be tape.
8. Remove all existing sign in the work area unless otherwise noted.

- A Provide End Treatment, See Detail, Sheet 94.
- B Portable barriers
- C Cones or delineators
- D Temporary 4" solid white stripe
- E Temporary 4" wide white striping 10' long w/ 30' spacing
- F Temporary 4" wide white striping 2' long with 4' spacing

- G 12" wide STOP bar
- H Provide pedestrian access during construction
- J Temporary 8" solid yellow stripe
- K Temporary cross-walk markings



APPROVED:

[Signature]
 Chief, Traffic Review Branch, D.P.P.
 (For work within City R/W only)

1/28/04	REPLACED SHEET PER ADDENDUM NO. 1
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION CONSTRUCTION PHASING PLAN PHASE 5A STA. 36+00 TO END PUULOA ROAD IMPROVEMENTS Kamehameha Hwy. to Salt Lake Blvd. Federal Aid Project No. STP-7310(1)	
Scale: As shown Date: May 2003	
SHEET NO. 88 OF 193 SHEETS	

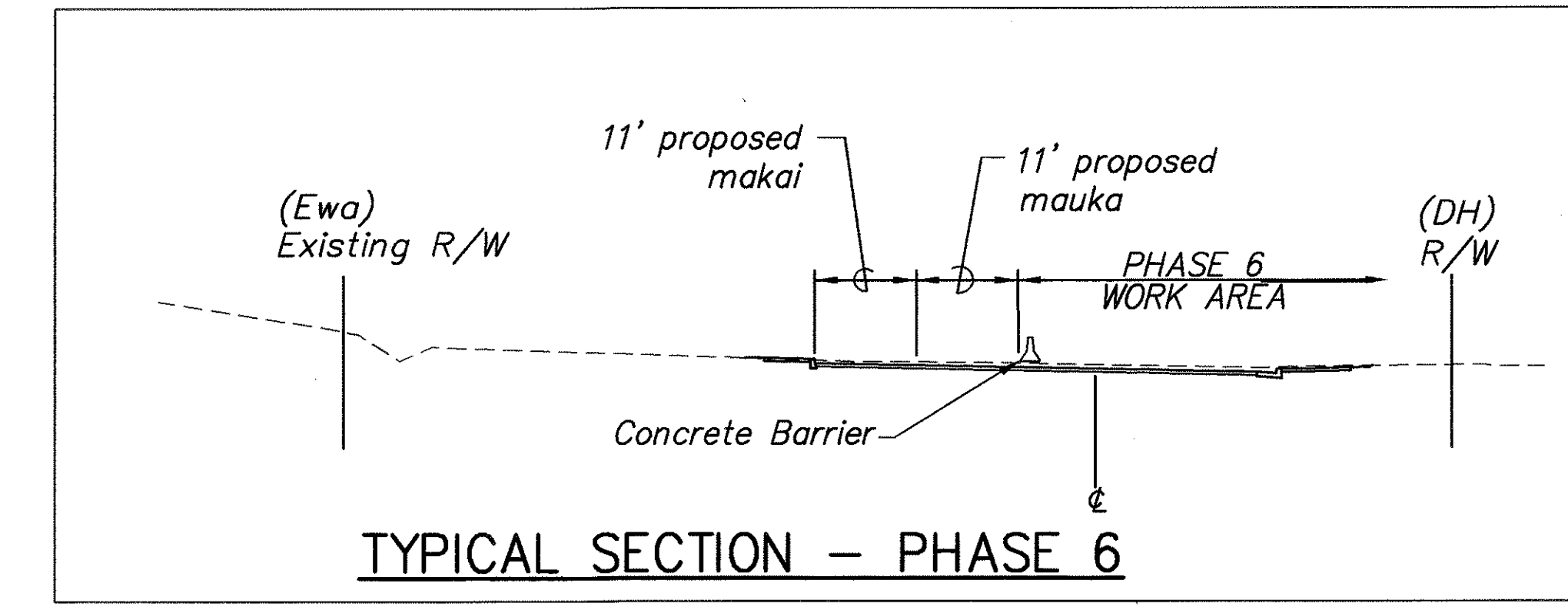
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7310(1)	2003	89	193

Phase 6 Construction – Major Items:

1. Clear & grub, removal of shrubs
2. Grading
3. Excavate to bottom of median and required pavement section
4. Hand excavate around utility manholes and adjust as required
5. Construct drainage system
6. Install all Electric, Telephone, Cable Television, and AT & T Underground Ductline, Manholes, Handholes, Pullboxes, and Conduit Risers Complete. See Sheet 94 for Additional Notes.
7. Construct curb and median.
8. Construct subbase course
9. Construct permeable layer course
10. Construct base course
11. Construct A.C. pavement
12. Provide and install pavement markings and markers
13. Install permanent traffic signs

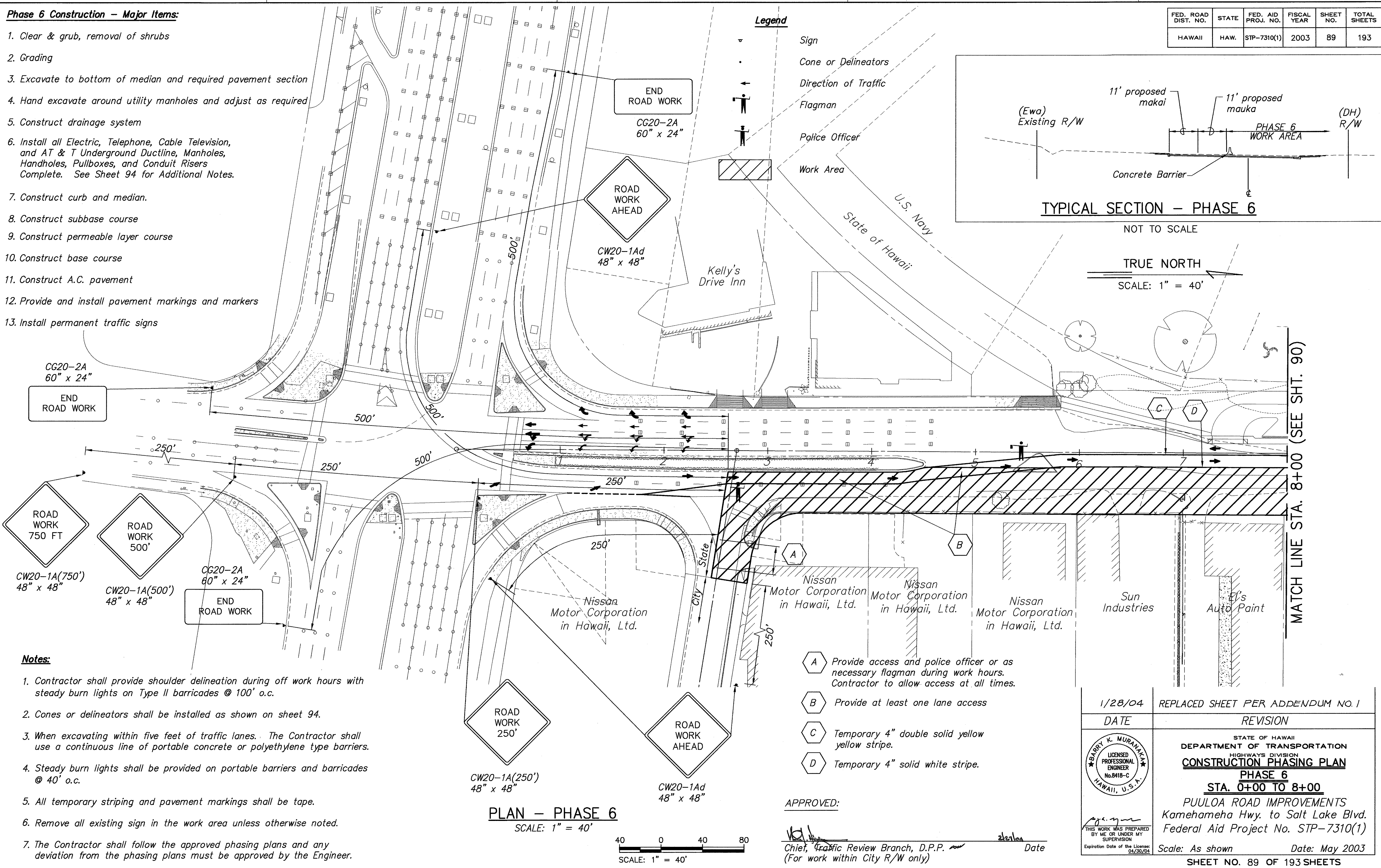
Legend

- Sign
- Cone or Delineators
- Direction of Traffic
- Flagman
- Police Officer
- Work Area



TRUE NORTH
SCALE: 1" = 40'

P.M.: STY
 CURRENT OPR: mkf
 FILE: Dot196167a.dwg
 BEGIN: 12/01/99
 CURRENT TIME: Jan 16, 2004 - 3:54pm
 LAST SAVED BY:
 LAST MODIFIED: Wed, 17 Dec 2003 - 9:55am



Notes:

1. Contractor shall provide shoulder delineation during off work hours with steady burn lights on Type II barricades @ 100' o.c.
2. Cones or delineators shall be installed as shown on sheet 94.
3. When excavating within five feet of traffic lanes. The Contractor shall use a continuous line of portable concrete or polyethylene type barriers.
4. Steady burn lights shall be provided on portable barriers and barricades @ 40' o.c.
5. All temporary striping and pavement markings shall be tape.
6. Remove all existing sign in the work area unless otherwise noted.
7. The Contractor shall follow the approved phasing plans and any deviation from the phasing plans must be approved by the Engineer.

- A Provide access and police officer or as necessary flagman during work hours. Contractor to allow access at all times.
- B Provide at least one lane access
- C Temporary 4" double solid yellow yellow stripe.
- D Temporary 4" solid white stripe.

APPROVED:

[Signature]
 Chief, Traffic Review Branch, D.P.P.
 (For work within City R/W only)
 Date: *[Signature]*

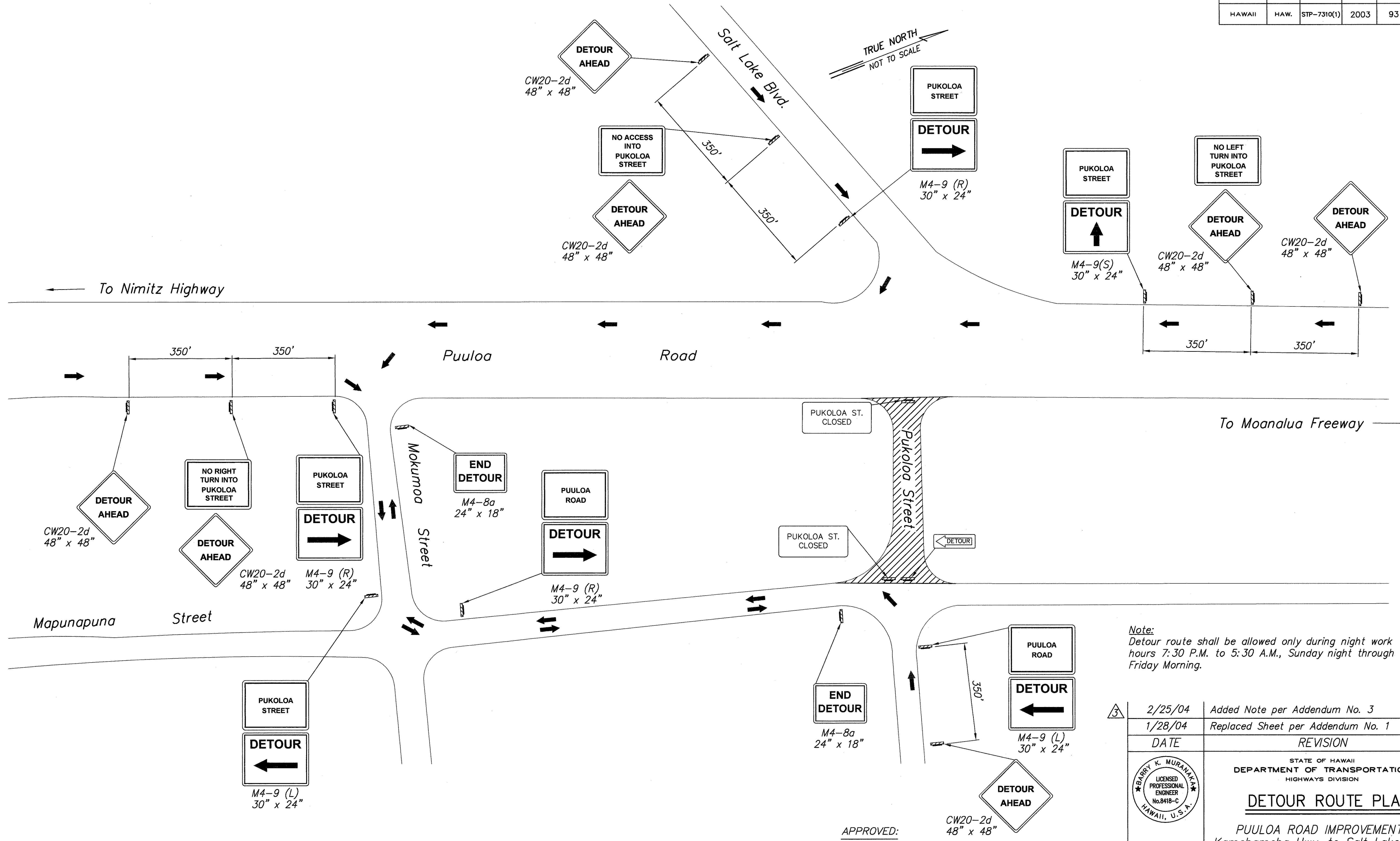
1/28/04	REPLACED SHEET PER ADDENDUM NO. 1
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION CONSTRUCTION PHASING PLAN PHASE 6 STA. 0+00 TO 8+00 PUULOA ROAD IMPROVEMENTS Kamehameha Hwy. to Salt Lake Blvd. Federal Aid Project No. STP-7310(1)	
Scale: As shown Date: May 2003	
SHEET NO. 89 OF 193 SHEETS	

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7310(1)	2003	93	193

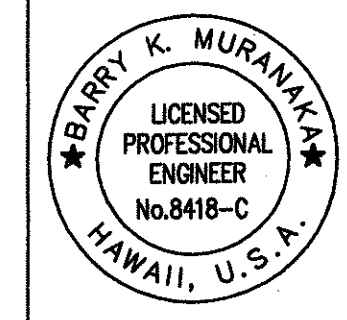
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 SCALE: 1"=1'
 CURRENT TIME: Feb 23, 2004 - 1:23pm
 LAST SAVED BY: rgr
 LAST MODIFIED: Mon, 23 Feb 2004 - 10:06am

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NO.	



Note:
 Detour route shall be allowed only during night work hours 7:30 P.M. to 5:30 A.M., Sunday night through Friday Morning.

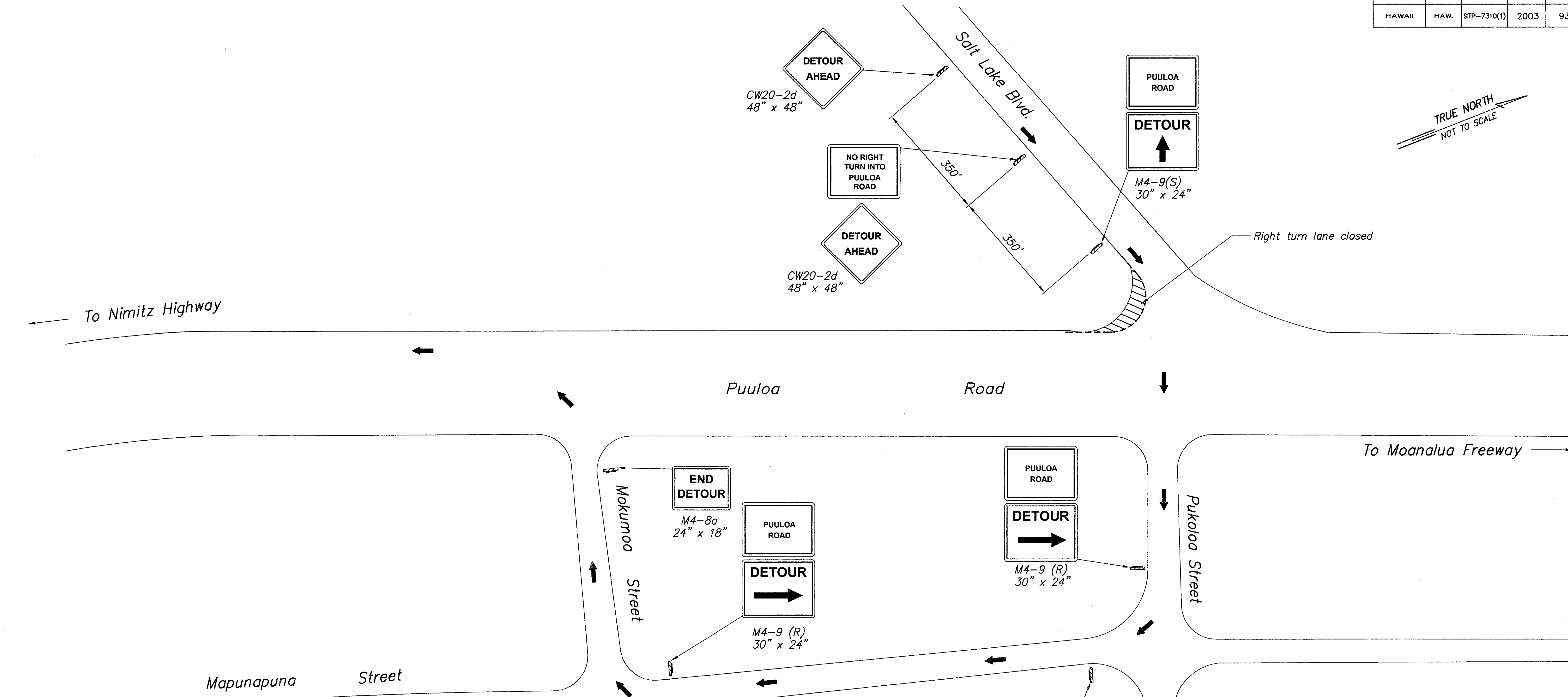
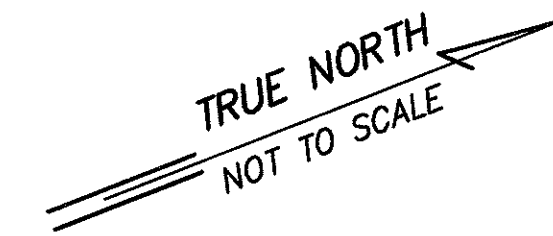
2/25/04	Added Note per Addendum No. 3
1/28/04	Replaced Sheet per Addendum No. 1
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION DETOUR ROUTE PLAN PUULOA ROAD IMPROVEMENTS Kamehameha Hwy. to Salt Lake Blvd. Federal Aid Project No. STP-7310(1)	
Scale: As shown Date: May 2003 SHEET NO. 93 OF 193 SHEETS	



APPROVED: *[Signature]* Date: 2/24/04
 Chief, Traffic Review Branch, D.P.P.
 (For work within City R/W only)

DETOUR PLAN - PUKOLOA STREET
 Not to Scale

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7310(1)	2003	93B	193



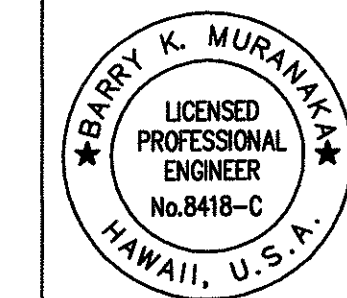
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 PREVIOUS OPR: 2004 - 1:23pm
 CURRENT TIME: Feb 23, 2004 - 1:23pm
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 LAST MODIFIED: Mon, 23 Feb 2004 - 10:09am

PREVIEW: G:\DOT\H9601A\ACAD\FILE:DETOUR3.dwg
 BEGIN: 12/01/99
 SCALE: 1=1

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTEBOOK	
No.	

Note:
 Detour route shall be allowed only during night work hours 7:30 P.M. to 5:30 A.M., Sunday night through Friday Morning.

3	2/25/04	Added Note per Addendum No. 3
	1/28/04	New Sheet per Addendum No. 1
	DATE	REVISION



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DETOUR ROUTE PLAN

PUULOA ROAD IMPROVEMENTS
 Kamehameha Hwy. to Salt Lake Blvd.
 Federal Aid Project No. STP-7310(1)

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 Expiration Date of the License: 02/28/04

Scale: As shown Date: May 2003

DETOUR PLAN - PUULOA ROAD

Not to Scale

APPROVED:

[Signature]
 Chief, Traffic Review Branch, D.P.P.
 (For work within City R/W only)

Date: 2/21/04

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7310(1)	2003	94	193

GENERAL NOTES FOR TRAFFIC CONTROL PLAN

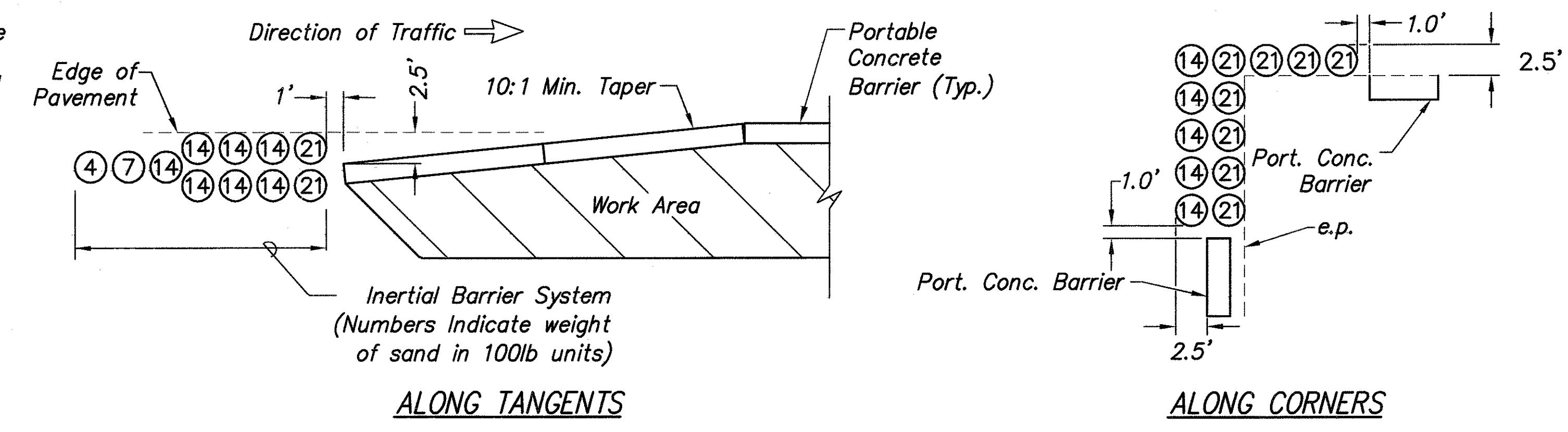
- The Contractor shall make minor adjustments at intersections, driveways, bridges, structures, etc. to fit field conditions.
- Cones or delineators shall be extended to a point where they are visible to approaching traffic.
- Traffic control devices shall be installed such that the sign or device farthest from the work area is placed first. The others shall then be placed progressively toward the work area.
- Regulatory and warning signs within the construction zone that are in conflict with the traffic control plans shall be removed or covered. All signs shall be restored upon completion of work.
- Flaggers and/or police officers shall be in sight of each other or in direct communication at all times.
- When required by the Engineer, the Contractor shall install a flashing arrow signal as shown on the traffic control plans.
- All traffic lanes shall be a minimum of ten (10) feet wide.
- All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
- The backs of all signs used traffic control shall be appropriately covered to preclude the display of inapplicable sign messages (i.e. When signs have messages on both faces).
- As soon as the day's work is completed, the Contractor shall remove all traffic control devices no longer needed to permit free and safe passage of public traffic. Removal shall be in the reverse order of installation. Existing faded or obliterated pavement markings that are necessary for safe traffic flow in the construction area shall be replaced with temporary or permanent markings before opening the roadway to public traffic each day.
- Permanent pavement markings and traffic signs shall be replaced upon completion of each phase of work.
- Sign spacings and taper lengths shall be as shown on the traffic control plan.
- Cones and delineators shall be spaced at a maximum distance of 20 feet apart. A minimum of six channelizing devices shall be used for each taper length.
- Contractor shall control traffic going in and out of driveway(s).
- Buffer and taper areas on approach to any work site shall be kept clear of vehicles and equipment.

PHASING NOTES:

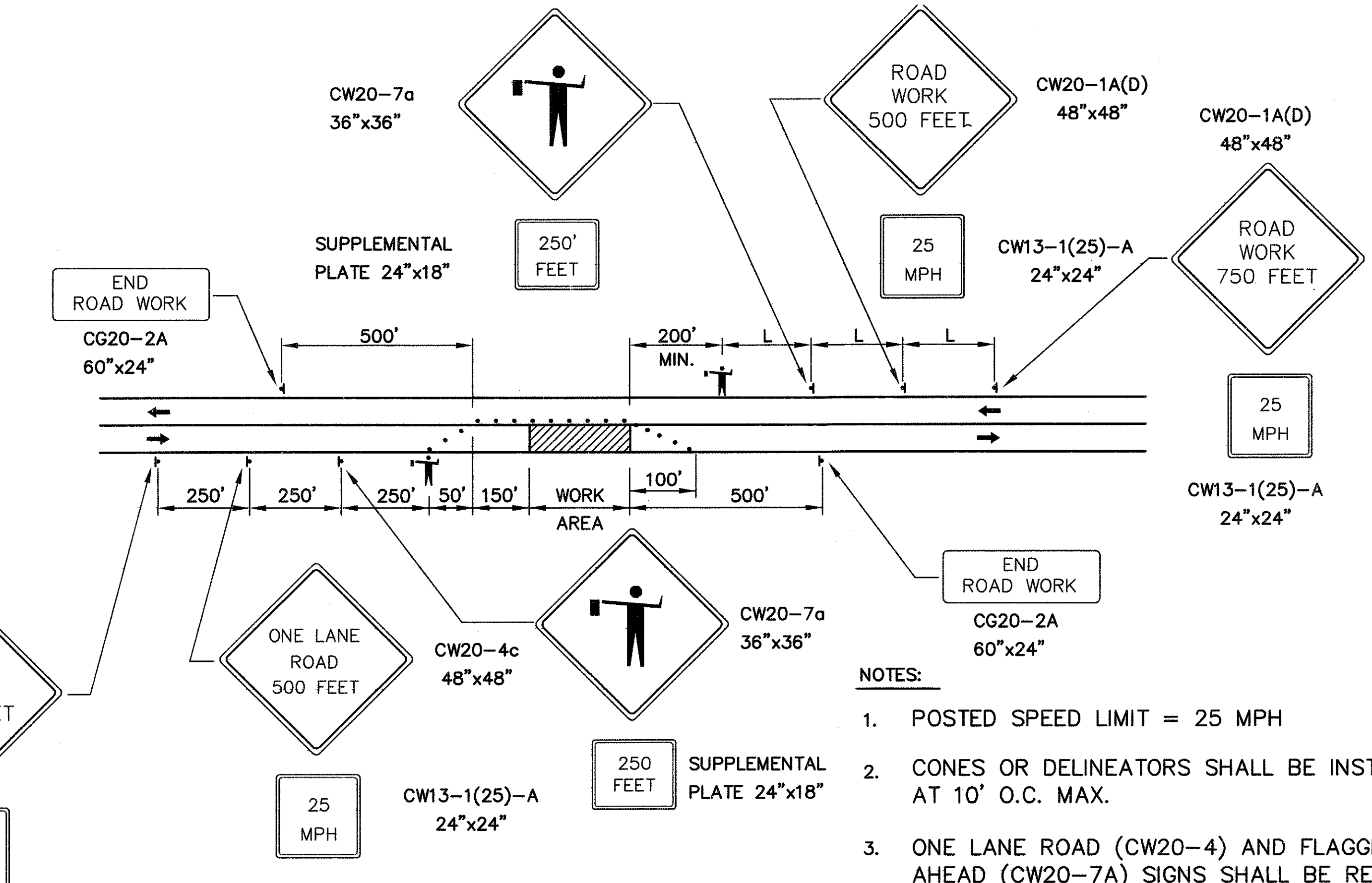
- Contractor shall start at Phase 1 and not proceed to the next construction phase or sub-phase (e.g. - 1 to 2) without approval by the Engineer. Any requests for adjustments in sequence of Construction Phasing shall be submitted in writing and approved by the Engineer. Work performed out of phase without the permission of the Engineer will be considered in violation of the Contract Documents and be considered unacceptable. Such unacceptable work will not be considered for payment until the Phase that it is part of starts.
- Work listed for the Phase in the Construction Phasing Notes may be a partial listing of the work to be done during the Phase. It is the intent of the Phasing to limit the work to the area shown on the Plans and during that time period. All work in the area, unless specifically noted to be done in another Phase, shall be completed before moving on to the next phase.

CONSTRUCTION HOURS AND ROAD/LANE CLOSURES

- The normal working hours shall be from 8:00 A.M. to 3:00 P.M., Monday through Friday.
- Detour hours shall be from 7:30 P.M. to 5:30 A.M., Sunday night through Friday morning.
- The Contractor will be permitted to close the left-turn movement from Puuloa Road into Salt Lake Boulevard during detour hours. The detour route plan on sheet 93 shall be in effect during these hours.
- Detours will not be allowed on weekends from 5:30 A.M. Friday morning through 7:30 P.M. Sunday night, and on State holidays from 5:30 A.M. to 7:30 P.M.
- The Contractor shall notify the State and County transportation agencies, Police and Fire Departments, Ambulance Service and the Department of Health in writing that detours will be in effect at least five working days before the start of construction.
- All work during other than normal working hours shall be approved by the Engineer. Traffic control plans provided shall be utilized during these hours.

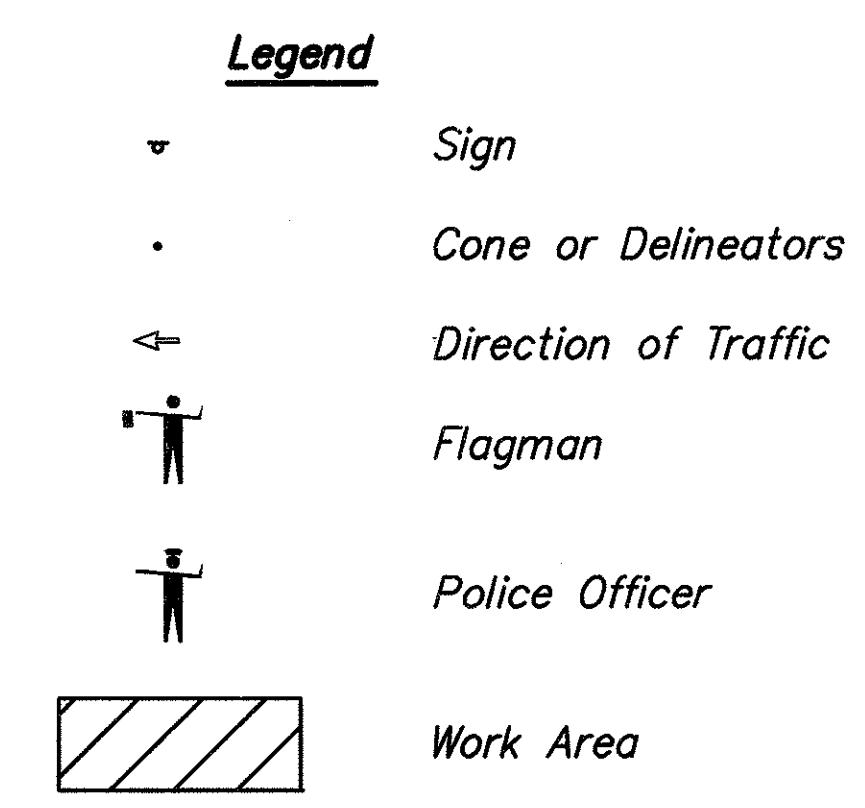


DETAIL - INERTIAL BARRIER END TREATMENT
Not to Scale



TWO-LANE HIGHWAY - ONE LANE CLOSED
TRAFFIC CONTROL PLAN
NOT TO SCALE

- NOTES:**
- POSTED SPEED LIMIT = 25 MPH
 - CONES OR DELINEATORS SHALL BE INSTALLED AT 10' O.C. MAX.
 - ONE LANE ROAD (CW20-4) AND FLAGGER AHEAD (CW20-7A) SIGNS SHALL BE REMOVED OR COVERED WHEN NO WORK IS BEING PERFORMED AND LANE IS NOT CLOSED.
 - COVER EXISTING SPEED LIMIT SIGNS WITHIN TRAFFIC CONTROL WORK AREA/SIGNING LIMITS.



GENERAL NOTES FOR PHASING OF ELECTRICAL UTILITY CONSTRUCTION WORK

- Contractor to Install all Electric, Telephone, Cable Television, and AT & T Underground Ductline, Manholes, Handholes, Pullboxes, and Conduit Risers Complete;
 - Then Respective Utility Companies to Install New Utility Poles, and Install New or Relocate Existing Overhead Lines onto New Poles; Install New Underground Cables in Underground Infrastructure System;
 - Then Respective Utility Companies to Remove Existing Pole Line and Underground Cable System and Abandon Existing Underground Infrastructure in Place.
 - Construction Constraints:
 - Existing Utility Pole Lines Cannot be Removed Until New Utility Pole Line System Installation Completed.
 - Existing Utility Underground Ductline System Cannot be Demolished Until New Utility Underground Infrastructure System Installation Completed.

PREFIX: C:\j\DO\TH\DO\TH9601A\ P.M.: STY
 FILE: Do196185aR.dwg
 BEGIN: 12/01/99
 SCALE: 1=1
 SURVEY PLOTTED BY: _____
 DRAWN BY: _____
 DESIGNED BY: _____
 QUANTITIES BY: _____
 CHECKED BY: _____
 ORIGINAL PLAN: _____
 NOTEBOOK: _____
 No. _____

DATE	BY

BARRY K. MURAKAWA
LICENSED PROFESSIONAL ENGINEER
No. 8418-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Expiration Date of the License: 04/30/04

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING NOTES, DETAIL, LEGEND

PUULOA ROAD IMPROVEMENTS
Kamehameha Hwy. to Salt Lake Blvd.
Federal Aid Project No. STP-7310(1)

Scale: As shown Date: May 2003